Journal of EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY

VOL. 281, NOS. 1–2 **CONTENTS** **12 DECEMBER 2002**

Cited in: Aquabiology; Aquatic Science & Fisheries Abstracts; Biological Abstracts; Elsevier BIOBASE/ Current Awareness in Biological Sciences: Current Contents (Agriculture: Biology & Environmental Sciences); Ecological Abstracts; GEOBASE (Geo Abstracts Database); Marine Science Contents; Oceanography Abstracts, PASCAL/ CNRS; pascal M and S (Earth Sciences); Selected Water Resources Abstracts

Research articles

N.R. Monks, C. Lerner, A.T. Henriques, F.M. Farias, E.E.S. Schapoval, E.S. Suyenaga, A.B. da Rocha, G. Schwartsmann and B. Mothes (Brazil)
Anticancer, antichemotactic and antimicrobial activities of marine sponges collected off the coast of Santa Catarina, southern Brazil 1

A.J.S. Hawkins, P. Duarte, J.G. Fang, P.L. Pascoe, J.H. Zhang, X.L. Zhang and M.Y. Zhu (UK, Portugal, PR China)
A functional model of responsive suspension-feeding and growth in bivalve shellfish, configured and validated for the scallop *Chlamys farreri* during culture in China 13

M.E. Gill, J. Spiropoulos and C. Moss (UK)
Testicular structure and sperm production in flounders from a polluted estuary: a preliminary study 41

M. Wahlberg (Denmark)
The acoustic behaviour of diving sperm whales observed with a hydrophone array 53

C.G. Vazquez Boucard, P. Levy, H.J. Ceccaldi and C.-H. Brogren (Mexico, French Polynesia, France, Denmark)
Developmental changes in concentrations of vitellin, vitellogenin, and lipids in hemolymph, hepatopancreas, and ovaries from different ovarian stages of Indian white prawn *Fenneropenaeus indicus* 63

(continued inside)

CONTENTS direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: **http://contentsdirect.elsevier.com**

Have you visited the journal's website recently?

New FREE Online Features:

> Tables of Contents NOW WITH ABSTRACTS
> Full Search on Abstracts, Authors and Keywords
> Author and Subject Index

Visit the Journal of Experimental Marine Biology & Ecology website today!

Bookmark: http://www.elsevier.com/locate/jembe

0022-0981(20021212)281:1/2;1-Z

(*Continued from outside back cover*)

Contents

L. Khandeparker, A.C. Anil and S. Raghukumar (India)
Exploration and metamorphosis in *Balanus amphitrite* Darwin (Cirripedia; Thoracica) cyprids: significance of sugars and adult extract 77

T.E. Minchinton (USA)
Disturbance by wrack facilitates spread of *Phragmites australis* in a coastal marsh 89

L. Byrén, G. Ejdung and R. Elmgren (Sweden)
Comparing rate and depth of feeding in benthic deposit-feeders: a test on two amphipods, *Monoporeia affinis* (Lindström) and *Pontoporeia femorata* Kröyer 109

U. Bergström, G. Englund and E. Bonsdorff (Sweden, Finland)
Small-scale spatial structure of Baltic Sea zoobenthos—inferring processes from patterns 123

Guide for Authors 137